

## EAST Search History

S15	0	(RFID or transponder or fob) with frequenc\$4 with high\$3 with low\$3 and "walsh.xa."	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 17:21
S16	0	(RFID or transponder or fob) with frequenc\$4 with high\$3 with low\$3 and walsh.xa.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 17:21
S17	485	(RFID or transponder or fob) with frequenc\$4 with high\$3 with low\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 17:21
S18	232	S17 and "340"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 17:21
S19	134	(RFID or transponder or fob) with frequenc\$4 with high\$3 with low\$3 with tag	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 17:22
S20	106	(RFID or transponder or fob) with (variable or select\$4 or chang\$4 or other) near5 frequenc\$4 same (noise or interference)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 17:23
S21	190	RFID near3 (transponder or tag) with (two or dual) near3 (antenna or module or circuit)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 17:37
S22	153	RFID near3 (tag) with (two or dual) near3 (antenna or module or circuit or transponder)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 17:47
S23	38	(RFID or transponder) with "physically associated"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 17:49
S24	106	RFID with (second or dual) near3 transponder	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 17:50
S25	1	"20040236701".pn. and second	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 17:52
S26	64	"340"/\$.ccls. and (second or dual) adj (transponder or circuit or antenna) same (RFID) same frequenc\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 18:03
S27	42	"340"/\$.ccls. and RFID with (second or dual) adj (transponder or circuit or antenna) same frequenc\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 18:10
S28	5	"340"/\$.ccls. and RFID with (second or dual or two) adj (transponder) same frequenc\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 18:11
S29	3	RFID with (second or dual or two) adj (transponder or antenna or chip) with (various or vary\$3 or differ\$4) near3 frequenc\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 18:12

## EAST Search History

S30	29	(transponder or RFID) with (second or dual or two) adj (transponder or antenna or chip) with (various or vary\$3 or differ\$4) near3 frequenc\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 18:23
S31	211	RFID with (second or separate or dual) near3 (antenna or circuit or chip or module or transponder) same (frequenc\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 18:24
S32	135865	S31 adn "340"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 18:24
S33	148	S31 and "340"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 19:39
S34	0	"dual mode RFID chip"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 19:39
S35	7	"dual mode RFID"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 19:40
S36	2	"dual-mode RFID"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 19:40
S37	8	"dual band RFID chip"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 19:42
S38	10	"dual band RFID"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 19:43
S39	3	"dual band" with RFID near3 (tag)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 19:43
S40	59	(dual or two or double) near2 band with (transponder or "RFID tag")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 16:20
S41	59	"340"/\$.ccls. and zimmerman.xp. and (transponder or fob or rfid) near3 (dual or two or "2")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 16:27
S42	37	("340"/\$.ccls. "341"/\$.ccls.) and (zimmerman.xp. zimmerman.xa.) and (transponder or fob or rfid) near3 (dual or two)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 16:33
S43	15	("340"/\$.ccls. "341"/\$.ccls.) and (dual) adj (mode or band) near3 (RIFD or transponder)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 16:36
S44	1	"20040236701".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 16:41

## EAST Search History

S45	286	RFID with differ\$3 near2 frequenc\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 16:41
S46	175	S45 and "340"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 16:41
S47	103	(RFID with differ\$3 near2 frequenc\$3 same (antenna or fob or transponder)) and "340"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 16:42
S48	1038	"340"/\$.ccls. and (RFID or transponder or tag) with (dual or differ\$3) with (band or frequenc\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 16:52
S49	212	"340"/\$.ccls. and (RFID or transponder or tag) with (dual or differ\$3) with (band or frequenc\$4) with (antenna)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 16:53
S50	24	"340"/\$.ccls. and (RFID or transponder or tag) with (dual or differ\$3) with (band or frequenc\$4) with (antenna) and (credit or debit)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 17:00
S51	14	"dual band" near3 (RFID or transponder or tag)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 17:03
S52	39	"dual mode" near3 (RFID or transponder or tag)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 17:03
S53	32	(credit or debit) same (transponder or rfid or fob) same (dual or two or differ\$3) near3 (frequenc\$4 or mode or antenna or transponder or chip)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 17:09
S54	100	(340/10.\$.ccls. "341"/\$.ccls.) and (two or dual) adj transponder	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 17:14
S55	2899385	(credit or debit) same (transponder or rfid or fob) same (dual or two or differ\$3 or vary\$3 or various or distinct or (high\$3 with low\$3)) near\$3 (frequenc\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 17:14
S56	8	(340/10.\$.ccls. "341"/\$.ccls.) and (two or dual) adj transponder and zimmerman	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 17:14
S57	1	(340/10.\$.ccls. "341"/\$.ccls.) and (two or dual) adj RFID and zimmerman	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 17:15
S58	3	(340/10.\$.ccls. "341"/\$.ccls.) and (two or dual) adj antenna with (transponder or RFID) and zimmerman	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 17:15

## EAST Search History

S59	24	"340"/\$.ccls.and ("RFID tag" or trasponder or fob) with (antenna) with (dual or two) with frequenc\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 17:16
S60	24	"340"/\$.ccls. and ("RFID tag" or trasponder or fob) with (antenna) with (dual or two) with frequenc\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 17:18
S61	5	"235"/\$.ccls. and ("RFID tag" or trasponder or fob) with (antenna) with (dual or two) with frequenc\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 17:18
S62	52	("dual frequency" with (RFID or tag or tarnsponder)) and "340"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/07 17:22
S63	1	"6101477".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/09 18:24
S64	166	elledge.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/09 18:24
S65	61	elledge.in. and "26".clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/09 18:24
S66	1	elledge.in. and "26".clm. and RFID and interrogat\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/09 18:24
S67	2	"6601696"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/09 18:33
S68	17	"6609656"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/09 18:33
S69	1	"6609656".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/09 19:07

## EAST Search History

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## EAST Search History

S71	209	("5915973" "5917913" "5942761" "5988497" "5995014" "6041410" "5095413" "6116736" "6120461" "6148093" "6154879" "6219639" "6257620" "6268788" "6307956" "6332193" "6360953" "6424249" "6446862" "6480825" "6491639" "6496594" "6539101" "6591249" "6601759" "6601762" "6629591" "6697947" "6703918" "6765470" "6799726" "6816058" "6819219" "6834795" "6877097" "6898299" h0002120 "5914517" "6925439" "6928181" "6931538" "6934861" "6944768" "20010030238" "20020019807" "20020035548" "20020040935" "20020040936" "20020097144" "20020120584" "3376661" "3914762" "4066873" "4206965" "4318554" "4421380" "4443027" "4583766" "4589686" "4593936" "4656463" "4663518" "4672021" "4700055" "4717221" "4736094" "4744497" "4795894" "4829690" "4837422" "4839504" "4849617" "4884507" "4918432" "4984270" "4998753" "5099226" "5125356" "5198647" "5206488" "5208110" "5234624" "5257656" "5259649" "5276311" "5304789" "5308121" "5326964" "5359522" "5397881" "5407893" "5412192" "5477040" "5503434" "5528222" "5533656" "5534857" "5555877" "5569897" "5572226" "6505772" "6507762" "6608995" "6628961" "6631849" "6636833" "6650887" "6684269" "6685089" "6686847" "6690930" "6693513" "6705530" "6708375" "6711262" "6732919" "6732936" "6742120" "6760581" "6789012" "6789733" "6793141" "6830193" "6853894" "6857566" "6857566" "6859672" "6895310" "6915277" "6924729" d509243 "6978933" "7044385" "7069444" "7093767" "4453074" "4852985" "4747147" "4993068" "5245329" "5321751" "5513272" "5559504" "5677953" "5737439" "5764789" "5815252" "5837818" "5869822" "5875432" "5901239" "5578808" "5585787" "5590038" "5592767" "5606594" "5649118" "5700037" "5710421" "5725098" "5769457" "5773812" "5789733" "5089633" "5826243" "5838257" "5838720" "5844230" "5857152" "5859419" "5864306" "5878337" "5883377"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/09 21:57
4/24/07 7:26:44 PM C:\Documents and Settings\jwalsh1\My Documents\EAST\Workspaces\East Searches\10710308_4.wsp	Page 7					



## EAST Search History

S72	117	("20030132284" "20030140228" "20030160074" "20030183695" "20030183699" "20030230514" "20040011877" "20040016796" "20040029569" "20040039860" "20040046034" "20040127256" "20040139021" "20040176071" "20040177045" "20040180657" "20040235450" "20050004921" "20050023157" "20050033686" "20050035847" "20050038718" "20050040272" "20050045718" "20050113137" "20050121512" "20050127164" "20050171905" "20050221853" "20010013546" "20010013551" "20010017584" "20010018660" "20010029493" "20010036835" "20010053239" "20020014952" "20020030581" "20020062249" "20020062291" "20020066784" "20020073025" "20020083320" "20050160271" "20050160790" "20050166062" "20050169504" "20050171787" "20050180618" "20050187883" "20050197923" "20050211784" "20050212657" "20050232471" "20050240778" "20050251688" "20050261972" "20050275505" "20060005022" "20060005042" "20060034492" "20060080552" "20060104485" "20060158434" "20060173291" "20060177061" "20060190419" "6130623" "6138913" "6138917" "6144916" "6144948" "6157824" "6163771" "6168083" "6173897" "6173898" "6173899" "6177859" "6185307" "6189787" "6195006" "6213390" "6213391" "6220510" "6224109" "6240989" "6250554" "6250557" "6263316" "6290137" "6293462" "6297727" "6304223" "6309098" "6315195" "6325293" "6327573" "6331972" "6339384" "6353420" "6353811" "6374245" "6386444" "6402026" "6406935" "9621650" "6422472" "6427910" "6435415" re37822 "6439455" "6457996" "6466804" "6471127" "6494367" "6494380").pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/09 21:57
S73	426	S70 S71 S72	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/09 21:58

## EAST Search History

S74	1	"6636620".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/16 02:06
S75	1	"6636620".pn. and encrypt\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/16 02:07
S76	1	"6101477".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 14:52
S77	82	brandys.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 15:06
S78	14	brandys.in. and key	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 15:06
S79	1	"6636620".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 19:11
S80	1	"20050232471".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 19:11



## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	10/708,837	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 16:08
S2	473	(fob or RFID) with (dual or two) near3 (transponder or circuit or chip or antenna)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 16:13
S3	147	(fob or RFID) with (dual or two) near3 (transponder or circuit or chip or antenna) same (frequenc\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 16:47
S4	49	10/340,352	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 16:32
S5	67	10/192,488	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 16:35
S6	1	"20040049451"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 16:35
S7	14	(fob or RFID) with variable near3 (frequenc\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 16:48
S8	114	(respond\$4 or interrogat\$4) with (fob or RFID or transponder) with (multiple or various or variable) near3 (frequenc\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 17:14
S9	76	S8 not (bonalle.in. beenau.in. amex. as. "american express".as.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 16:49
S10	214	(fob or RFID or transponder) with (multiple or various or variable or second or dual) near3 (module or transponder or frequenc\$3) same (interfer\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 17:15
S11	214	S10 not (bonalle.in. beenau.in. amex. as. "american express".as.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 17:16
S12	111	"340"/\$.ccls. and S11	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 17:20
S13	485	(RFID or transponder or fob) with frequenc\$4 with high\$3 with low\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 17:20
S14	0	(RFID or transponder or fob) with frequenc\$4 with high\$3 with low\$3 and "walsh.xa"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/06 17:21